

INTERNATIONAL SEARCH REPORT

International Application No

PCT, EP2004/007768

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07C51/58 C07C63/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 691 217 A (MCCANN THOMAS J) 12 September 1972 (1972-09-12) the whole document	1-13
Y	US 3 187 057 A (HOFF MELVERN C ET AL) 1 June 1965 (1965-06-01) the whole document	1-13
Y	EP 0 009 205 A (BAYER AG) 2 April 1980 (1980-04-02) the whole document	1-13
A	EP 0 706 987 A (CIBA GEIGY AG) 17 April 1996 (1996-04-17) cited in the application the whole document	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

13 December 2004

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Information on patent family members

International Application No

PCT/EP2004/007768

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3691217	A	12-09-1972	GB 1341880 A	25-12-1973
US 3187057	A	01-06-1965	NONE	
EP 0009205	A	02-04-1980	DE 2841541 A1	03-04-1980
			DE 2961701 D1	18-02-1982
			EP 0009205 A1	02-04-1980
			JP 1181245 C	09-12-1983
			JP 55045680 A	31-03-1980
			JP 58014418 B	18-03-1983
			US 4276231 A	30-06-1981
EP 0706987	A	17-04-1996	BR 9504365 A	08-04-1997
			CA 2160307 A1	14-04-1996
			CN 1129211 A ,B	21-08-1996
			DE 59502401 D1	09-07-1998
			EP 0706987 A1	17-04-1996
			ES 2119345 T3	01-10-1998
			JP 8268958 A	15-10-1996
			US 5616787 A	01-04-1997